

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-178564

(43)Date of publication of application : 30.06.1998

(51)Int.Cl.

H04N 5/222
G06T 1/00
H04N 5/225
H04N 5/265

(21)Application number : 09-269427

(71)Applicant : SHARP CORP

(22)Date of filing : 02.10.1997

(72)Inventor : NAKAMURA MITSUAKI
KITAMURA YOSHIHIRO
AKAGI HIROYUKI

(30)Priority

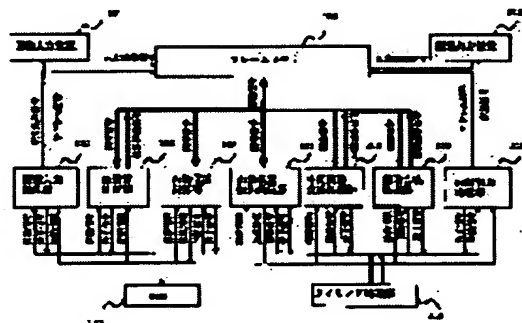
Priority number : 08274326 Priority date : 17.10.1996 Priority country : JP

(54) PANORAMA IMAGE GENERATOR AND RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a panorama image generator in which deterioration in the image quality due to deviation in the image or double exposure is less even with regard to the image including a parallax caused by a difference of the depth in the case of photographing when movement of a center of a lens of a camera is unavoidable for photographing a scene by the camera or the like.

SOLUTION: A panorama image generator is provided with an image input device 101, a frame memory 102 that stores inputted divided images, an image position calculation part 106 that calculates a synthesis position of the divided images, an image parallax extract processing part 107 that extracts parallax information between images from the image including a parallax in an overlap area between adjacent divided images, an intermediate image production processing part 108 that produces plural intermediate images from the image including the parallax and an image synthesis processing part 109 that synthesizes a panorama image from the divided images. The image parallax extract processing part 107 corrects a deviation in the images in an overlap area and interpolates by the intermediate image produced by the intermediate image production



processing part 108 to synthesize the panorama image.

LEGAL STATUS

[Date of request for examination] 26.01.2001

[Date of sending the examiner's decision of rejection] 30.09.2003

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office